

WHAT IS CLAIMED IS:

1. A fuel tank assembly comprising:

a wall for enclosing a fluid;

an inwardly projecting lip forming an opening extending through a portion of said wall and defining a first sealing surface along the circumferential periphery thereof;

a removable lid for closing said opening in said wall, said lid having an outer peripheral part defining a second sealing surface along the circumferential periphery thereof facing said first sealing surface when said lid is seated in said opening;

first and second spaced apart radial grooves formed in at least one of said first and second sealing surfaces defining an axial gap therebetween; and

first and second sealing rings seated in said first and second grooves respectively for sealing engagement between said first and second sealing surfaces when said lid is closed against said opening.

2. A fuel tank assembly as set forth in claim 1 further including a reinforcement member secured to said wall and surrounding said opening for supporting said lip against the sealing forces from said lid closed against said opening.

3. A fuel tank assembly as set forth in claim 2 wherein said first and second sealing surfaces extend substantially conically inwardly into said opening.

4. A fuel tank assembly as set forth in claim 3 wherein said first and second grooves extend around the circumference of said second sealing surface defined by said lid.

5. A fuel tank assembly as set forth in claim 4 wherein said lip of said opening is flanged inwardly forming said first sealing surface and said reinforcement member is fixedly secured to the inside of said wall forming a surrounding shoulder which supports the inwardly flanges lip of said opening.

6. A fuel tank assembly as set forth in claim 5 wherein said reinforcement member includes an inwardly flanged collar and said peripheral part of said lid includes an outwardly flanged collar for overlapping engagement with said collar of said reinforcement member to secured said lid against said opening.

7. A fuel tank assembly comprising:

a wall for enclosing a fluid;

a reinforcement member secured to said wall having an inner vertical surface defining an opening in said wall, an outer vertical surface spaced generally parallel from said inner vertical surface, and a first sealing surface extending therebetween;

a removable lid for closing said opening in said wall, said lid having an outer peripheral part defining a second sealing surface facing said first sealing surface when said lid is seated in said opening;

first and second spaced apart radial grooves formed in at least one of said first and second sealing surfaces defining a gap therebetween; and

first and second sealing rings seated in said first and second grooves respectively for sealing engagement between said first and second sealing surfaces when said lid is closed against said opening.

8. A fuel tank assembly as set forth in claim 7 wherein said reinforcement member has a rectangular profile with said vertical surfaces connected to said wall and said sealing surface including said grooves for receiving said sealing rings.

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